

Abstract of the Invention

Apparatus and methods are provided for performing remote notification of records each having a respective record identifier. The method involves maintaining a record-user mapping which associates with each of a plurality of record identifiers a respective one or more user names. For each record upon which remote notification is to be performed the record's record identifier's respective one or more user names is obtained from the record-user mapping. For each user name in the record's record identifier's respective one or more user names a respective addressable entity is obtained from a user name-addressable entity mapping and a notification of the record is sent to the addressable entity. The user name-addressable entity mapping may be a trusted mapping. The records may be generated by a certificate management system. In this case, the addressable entities may be stored in a repository of published certificates. The certificate management system might for example be a PKI (Public Key Infrastructure). The addressable entities may be stored in a certificate extension field of the certificates, for example the subject alternative name certificate extension. The addressable entity may be an E-mail address. Target audit record processing may also be provided. For this, at least one record identifier is identified for which target audit record processing is to be performed. The target audit record processing involves for each record identifier for which target audit record processing is to be performed reading from the associated record a target user name, obtaining from the user name-addressable entity mapping a respective addressable entity for the target user name and sending a notification of the record to the addressable entity.